

2000 PCTE 46

(19)



JAPANESE PATENT OFFICE

PATENT ABSTRACTS OF JAPAN

(11) Publication number: 04257931 A

(43) Date of publication of application: 14.09.92

(51) Int. Cl. G06F 11/18

(21) Application number: 03040935

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(22) Date of filing: 12.02.91

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(54) COMPUTER SYSTEM

(57) Abstract

PURPOSE: To realize redundant constitution with a small number of hardwares by comparing the output information of a third function module with the operated results of first and second function modules and restarting an operation when they are matched, or stopping the operation when they are unmatched.

CONSTITUTION: When a fault occurs at a first function module 100, first and second function modules 100 and 101 stop outputs in the state of holding the operated results of the modules themselves. A third function module 102 outputs the correct operated result of the own module to first and second buses 106 and 107. the first and second function modules 100 and 101 compare the held operations of its own modules with the bus information outputted by the third function module 102. Then, the first module 100 stops the operation according to unmatch, and the second function module starts the operation according to the match.

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